

AMENDMENTS TO THE CLAIMS:

1 - 17 (Canceled)

18. (Currently Amended) A device for heating food by means of induction, comprising:

heating means including a secondary winding formed from a current conductor and a heating element ~~connected~~ fixed to said secondary winding; and
a winding core disposed inside said secondary winding.

19. (Previously Presented) The device according to claim 18, wherein the winding core is substantially rotationally symmetrical.

20. (Previously Presented) The device according to claim 18, wherein the winding core is configured as a pot core.

21. (Previously Presented) The device according to claim 20, wherein the winding core includes a central column having a first axial height and an annular side wall having a second axial height different from the first axial height.

22. (Currently Amended) The device according to claim 18, wherein the winding core includes a plurality of separate core elements.

23. (Previously Presented) The device according to claim 22, wherein the core elements are arranged on a substantially circular path and configured substantially as circular-ring-segment-shaped.

24. (Previously Presented) The device according to claim 23, wherein the core elements are substantially U-shaped in one radial cross-section.

25. (Previously Presented) The device according to claim 23, wherein the core elements are substantially E-shaped in one radial cross-section.

26. (Previously Presented) The device according to claim 22, further comprising retaining means which interconnect the core elements in a load-bearing manner.

27. (Previously Presented) The device according to claim 26, wherein the retaining means further comprises a printed circuit board.

28. (Previously Presented) The device according to claim 26, wherein the retaining means is substantially ring-shaped.

29. (Previously Presented) The device according to claim 18, wherein the secondary winding is arranged on a printed circuit board.

30. (Previously Presented) The device according to claim 18, wherein the secondary winding is substantially spiral-shaped.

31. (Currently Amended) The device according to claim [[18]] 22, wherein the winding core has a first number of the core elements,

the heating element includes ~~the same~~ a second number of heating conductors ~~as the winding core has core elements, and~~

the second number equals the first number.

32. (Previously Presented) The device according to claim 31, wherein at least two heating conductors are arranged substantially symmetrically with respect to one another and in a substantially circular heating area.

33. (Previously Presented) The device according to claim 31, wherein the heating conductors are arranged in a substantially circular heating area and each of the heating conductors is arranged substantially uniformly distributed in a piece-of-cake-shaped segment.

34. (Currently Amended) A cooking combination comprising:
a container for containing food to be heated, the container having
a secondary winding core fixed to the container, and
a secondary winding wound around the secondary winding core; and
a device for transmitting energy to a device for heating food the container by
means of induction, the device having comprising:

a primary winding formed from a current conductor and connected to a voltage source; and

a winding core located inside ~~[[said]]~~ the primary winding.

35. (Currently Amended) ~~The device according to claim 34,~~ A device for transmitting energy to a device for heating food by means of induction, comprising:

a primary winding formed from a current conductor and connected to a voltage source; and

a winding core located inside the primary winding,

wherein the winding core is substantially rotationally symmetrical.

36. (Currently Amended) ~~The device according to claim 34,~~ A device for transmitting energy to a device for heating food by means of induction, comprising:

a primary winding formed from a current conductor and connected to a voltage source; and

a winding core located inside the primary winding,

wherein the winding core is configured as a pot core.

37. (Previously Presented) The device according to claim 36, wherein the winding core includes a central column having a first axial height and an annular side wall having a second axial height different from the first axial height.

38. (Currently Amended) ~~The device according to claim 34,~~ A device for transmitting energy to a device for heating food by means of induction, comprising:
a primary winding formed from a current conductor and connected to a voltage source; and
a winding core located inside the primary winding,
wherein the winding core includes a plurality of separate core elements.

39. (Previously Presented) The device according to claim 38, wherein the core elements are arranged on a substantially circular path and configured substantially as circular-ring-segment-shaped.

40. (Previously Presented) The device according to claim 38, wherein the core elements are substantially U-shaped in one radial cross-section.

41. (Previously Presented) The device according to claim 38, wherein the core elements are substantially E-shaped in one radial cross-section.

42. (Previously Presented) The device according to claim 38, further comprising retaining means which interconnects the core elements in a load-bearing manner.

43. (Previously Presented) The device according to claim 42, wherein the retaining means includes a printed circuit board.

44. (Previously Presented) The device according to claim 42, wherein the retaining means is substantially ring-shaped.

45. (Currently Amended) ~~The device according to claim 34,~~ A device for transmitting energy to a device for heating food by means of induction, comprising:
a primary winding formed from a current conductor and connected to a voltage source; and
a winding core located inside the primary winding,
wherein the primary winding is arranged on a printed circuit board.

46. (Currently Amended) The ~~device~~ combination according to claim 34, wherein the primary winding is substantially spiral-shaped.

47. (Currently Amended) The device according to claim 38, further comprising a heating element, wherein the winding core has a first number of the core elements,
the heating element includes ~~the same~~ a second number of heating conductors as
~~the winding core has core elements, and~~
the second number equals the first number.

48. (Previously Presented) The device according to claim 47, wherein the heating element further comprises at least two heating conductors arranged substantially symmetrically with respect to one another and in a substantially circular heating area.

49. (Previously Presented) The device according to claim 47, wherein the heating element further comprises a plurality of heating conductors arranged in a substantially circular heating area, each of the heating conductors being arranged substantially uniformly distributed in a piece-of-cake-shaped segment.

50. (Currently Amended) A device for heating food by induction, the device comprising:

a container for containing the food to be heated; and

a heating section fixed to the container and having

a secondary winding formed from a current conductor;

a winding core having an outer wall, an inner wall, and a base connecting the outer wall and the inner wall such that the outer wall, the inner wall and the base form a trough in which the secondary winding is positioned; and

a heating element electrically connected to the secondary winding and positioned adjacent to the container,

wherein the outer wall and the inner wall are substantially circular and are arranged concentrically.

51. (Currently Amended) A device for transmitting energy to a device for heating food by induction, the device comprising:

a primary winding formed from a current conductor and connected to a voltage source; and

a winding core having an outer wall, an inner wall, and a base connecting the outer wall and the inner wall such that the outer wall, the inner wall and the base form a trough in which the primary winding is positioned,

wherein the outer wall and the inner wall are substantially circular and are arranged concentrically.